

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096912.D
 Acq On : 13 Jul 2018 18:28
 Operator : SJ/JU
 Sample : J3170-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW01-071118

Quant Time: Jul 13 23:12:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

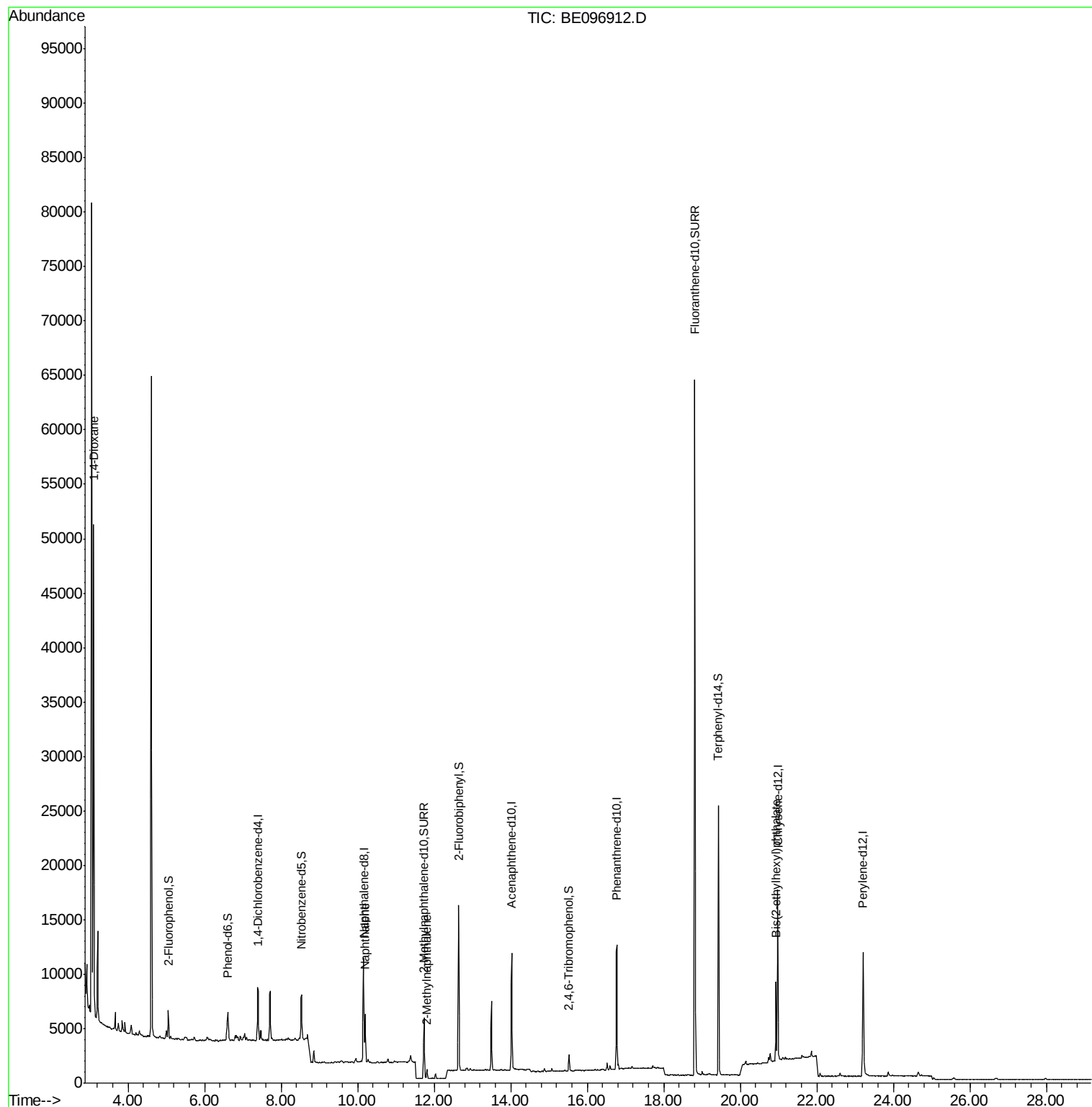
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2125	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	10592	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	6155	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	16860	0.40	ng	0.01
27) Chrysene-d12	20.98	240	15119	0.40	ng	0.00
34) Perylene-d12	23.21	264	15549	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1218	0.26	ng	0.00
5) Phenol-d6	6.60	99	1007	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	3840	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	7404	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	932	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	13911	0.62	ng	0.00
25) Fluoranthene-d10	18.81	212	82399	0.56	ng	0.00
29) Terphenyl-d14	19.43	244	21206	0.73	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	23138	7.266	ng	# 89
9) Naphthalene	10.20	128	6640	0.069	ng	# 98
12) 2-Methylnaphthalene	11.81	142	612	0.038	ng	94
32) Bis(2-ethylhexyl)phthalate	20.93	149	7601	0.253	ng	# 99

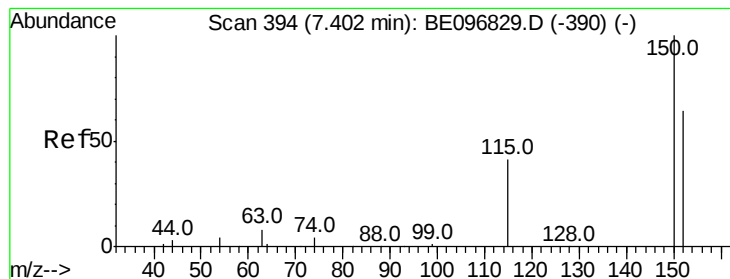
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
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QLast Update : Fri Jul 13 17:02:57 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

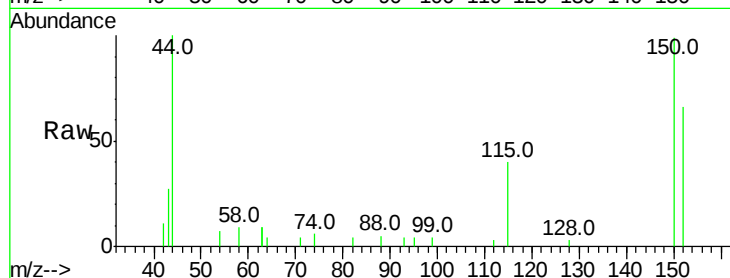
Tot Ion:152 Resp: 2125

Ion Ratio Lower Upper

152 100

150 148.9 117.2 175.8

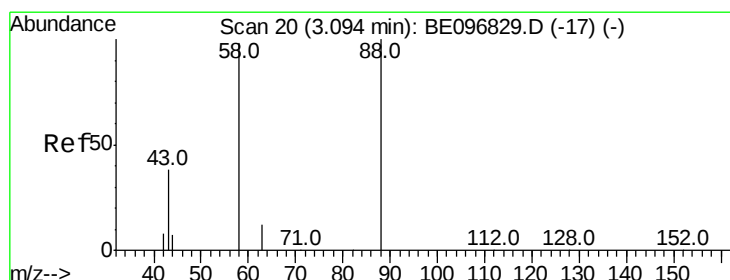
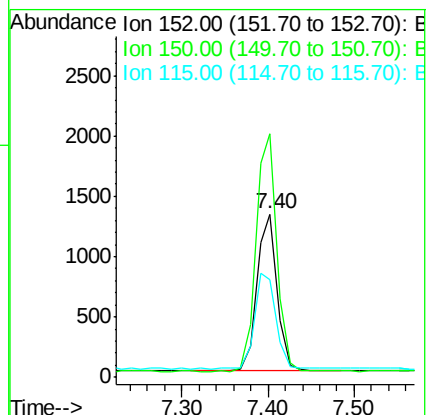
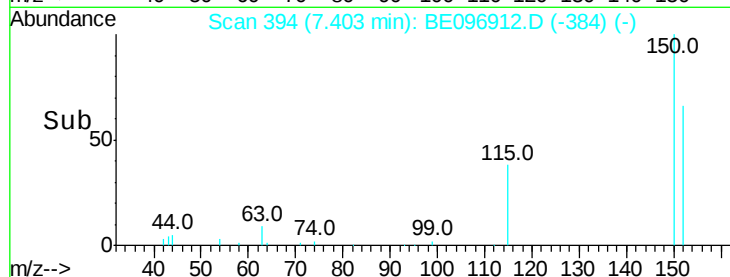
115 59.8 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.266 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

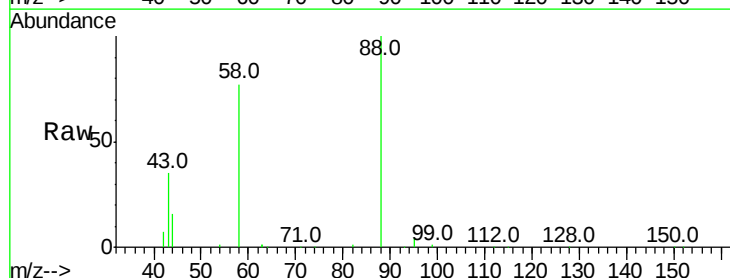
Tgt Ion: 88 Resp: 23138

Ion Ratio Lower Upper

88 100

58 81.0 63.2 94.8

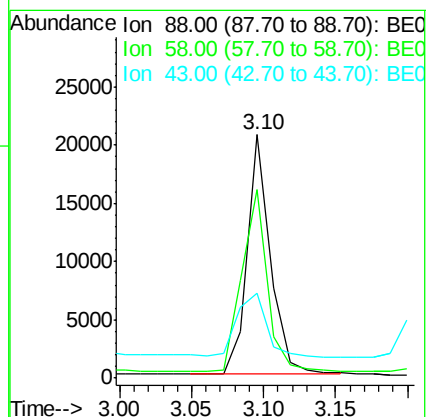
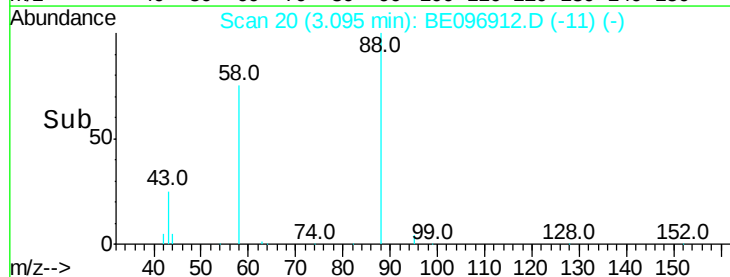
43 34.9 41.2 61.8#

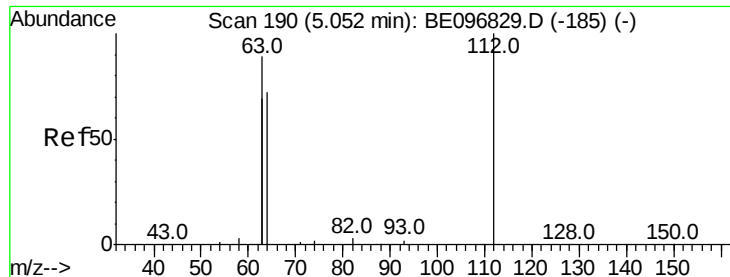


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.256 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

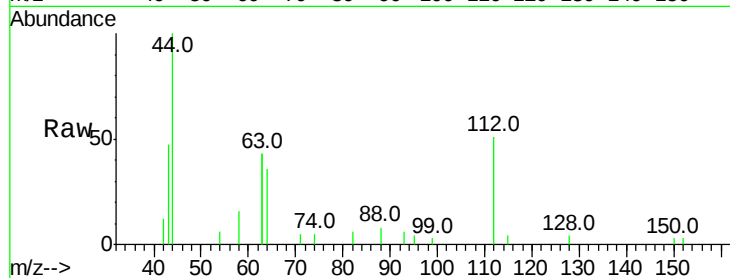
Tot Ion:112 Resp: 1218

Ion Ratio Lower Upper

112 100

64 67.2 60.1 90.1

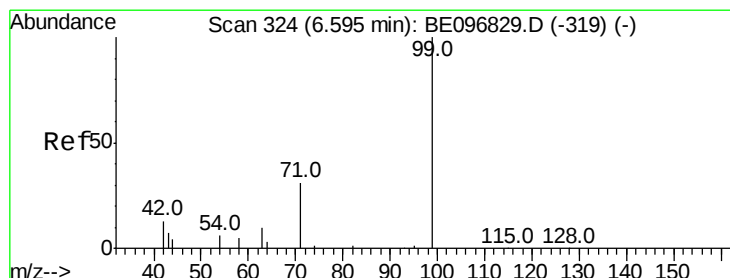
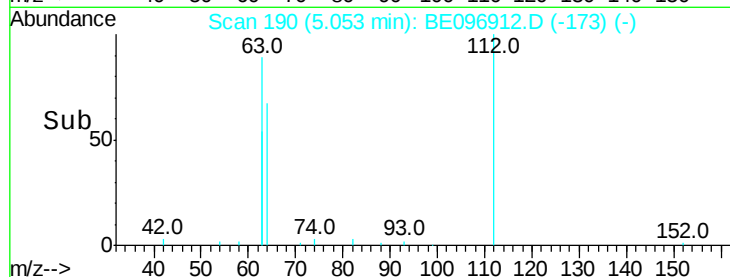
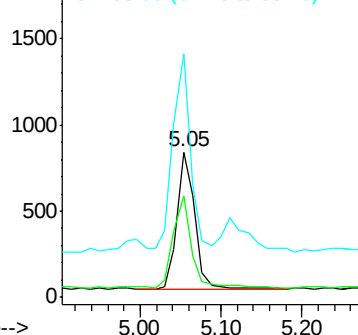
63 140.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.142 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

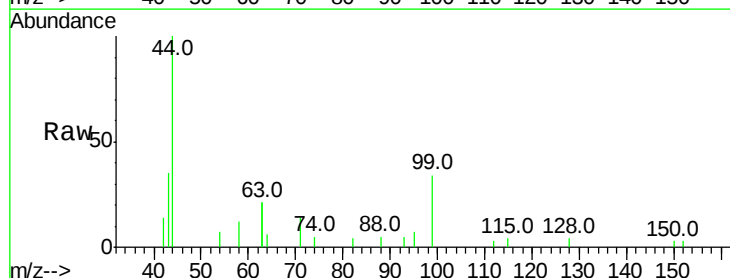
Tgt Ion: 99 Resp: 1007

Ion Ratio Lower Upper

99 100

42 32.6 20.2 30.2#

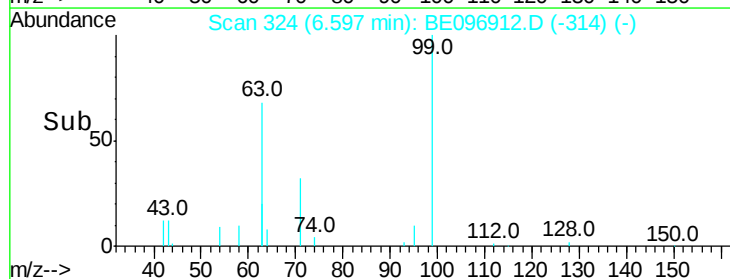
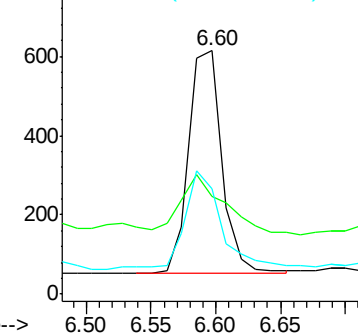
71 48.6 28.4 42.6#

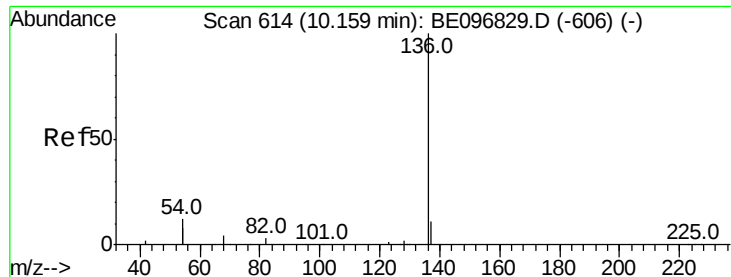


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

Tot Ion:136 Resp: 10592

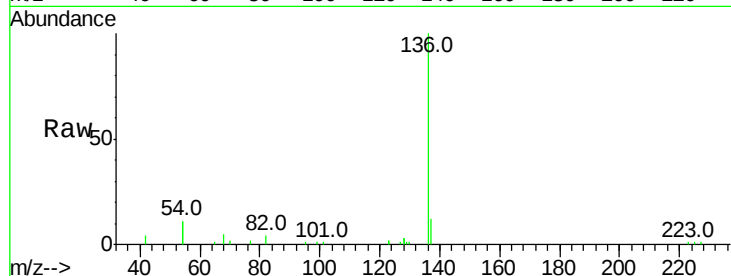
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 22.6 29.1 43.7#

68 4.8 6.2 9.2#

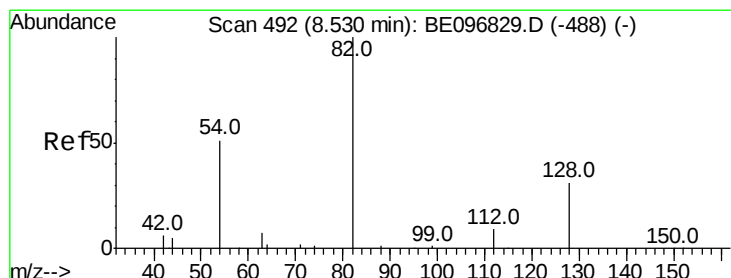
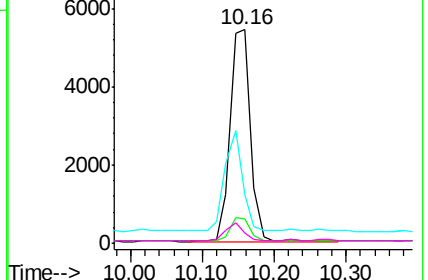
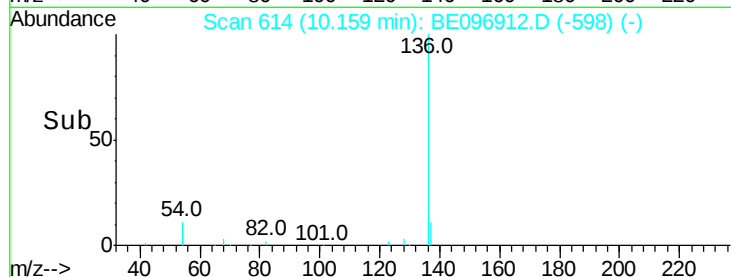


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.599 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

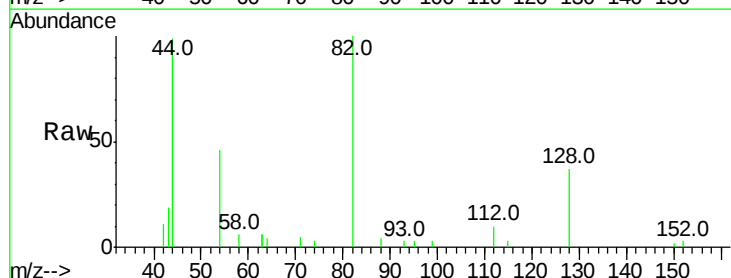
Tgt Ion: 82 Resp: 3840

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

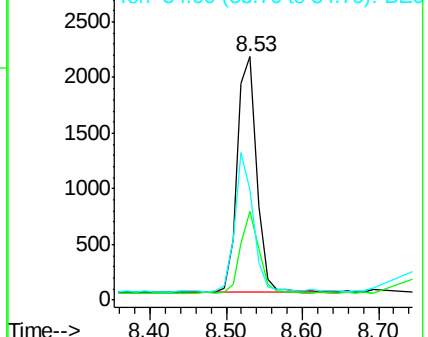
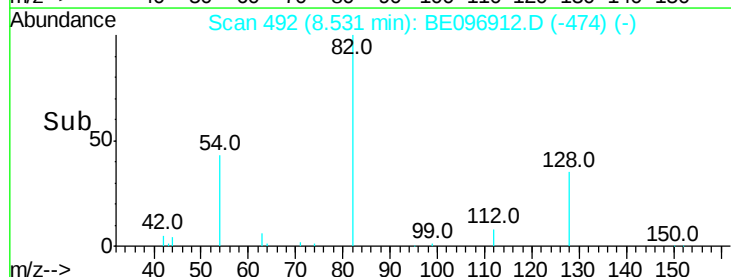
54 45.6 40.0 60.0

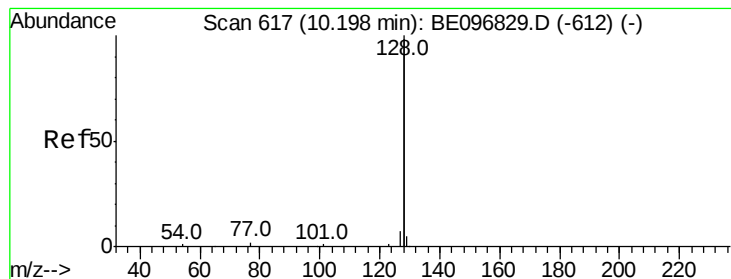


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.069 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

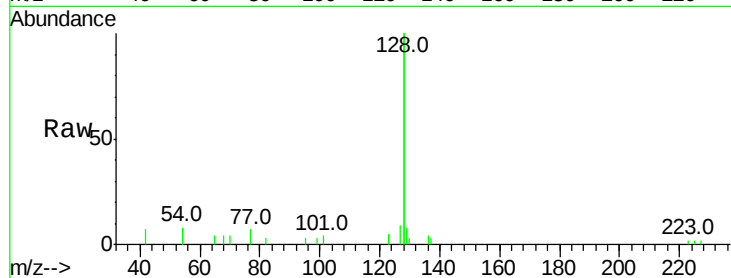
Tot Ion:128 Resp: 6640

Ion Ratio Lower Upper

128 100

129 3.9 2.6 3.8#

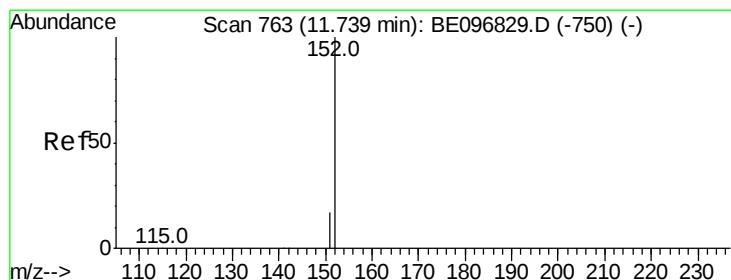
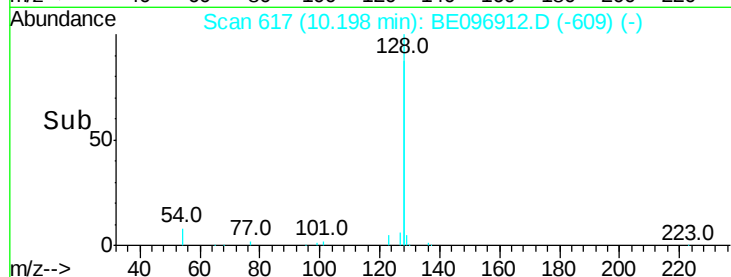
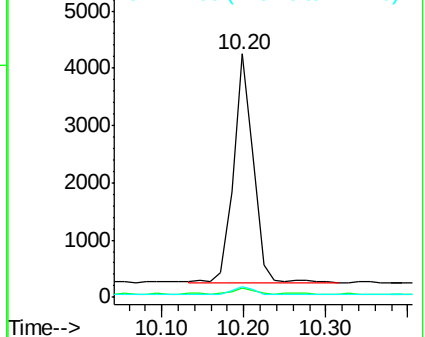
127 4.4 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.486 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096912.D

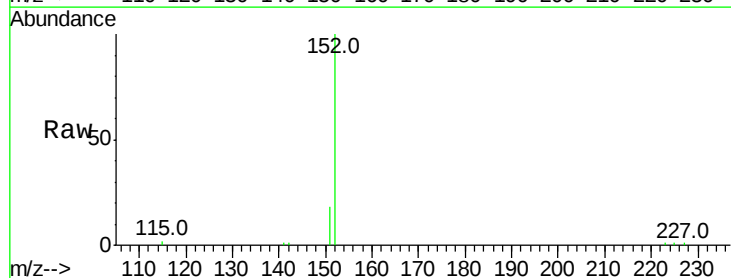
Acq: 13 Jul 2018 18:28

Tgt Ion:152 Resp: 7404

Ion Ratio Lower Upper

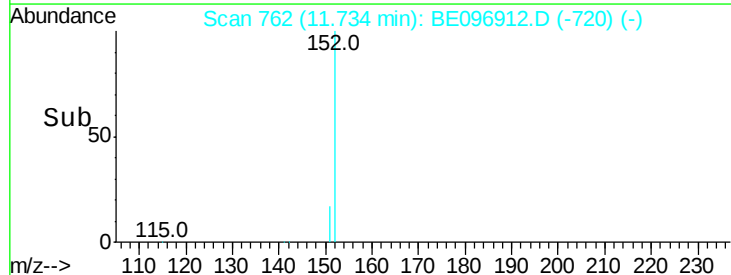
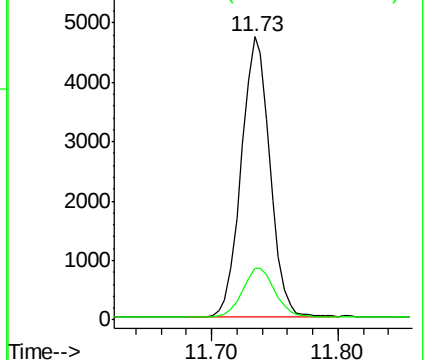
152 100

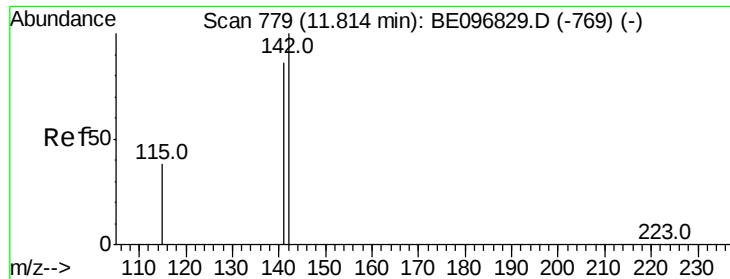
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

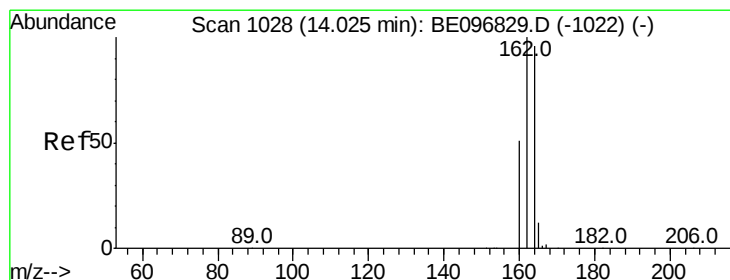
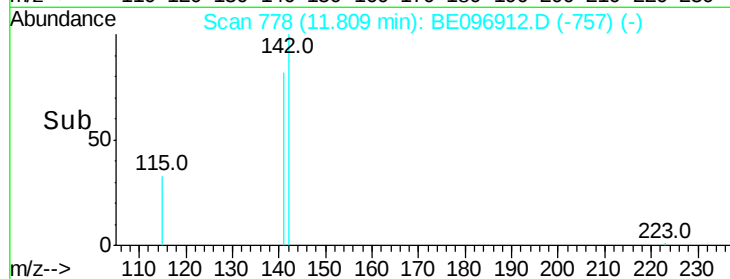
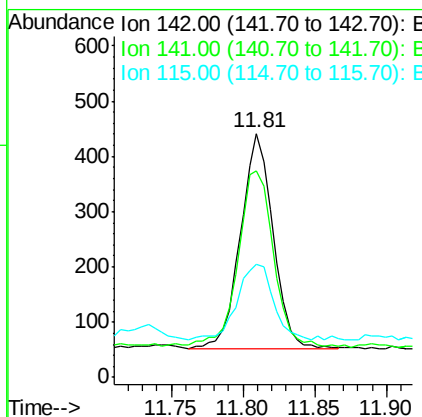
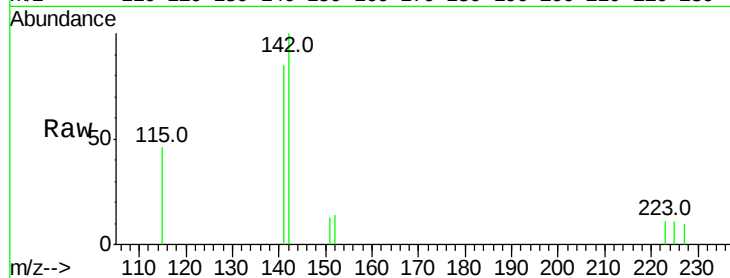




#12
2-Methylnaphthalene
Concen: 0.038 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096912.D
Acq: 13 Jul 2018 18:28

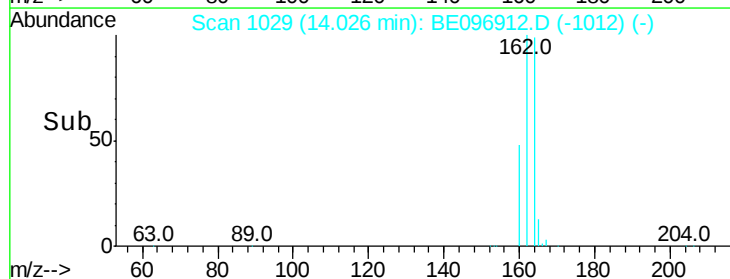
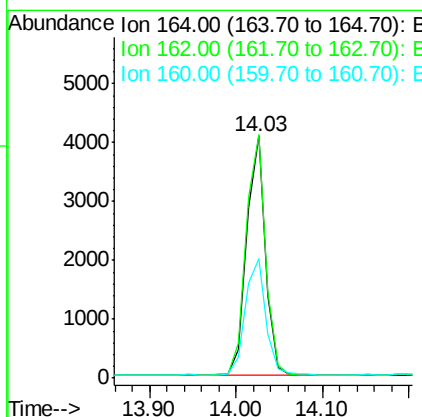
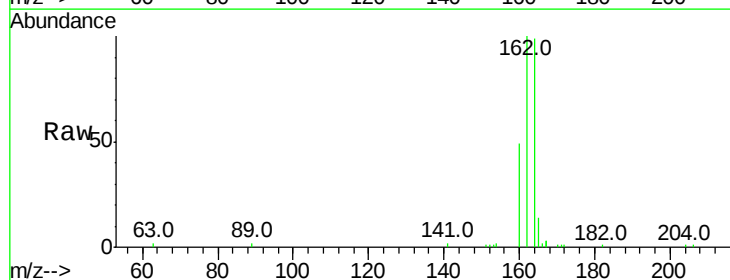
Instrument :
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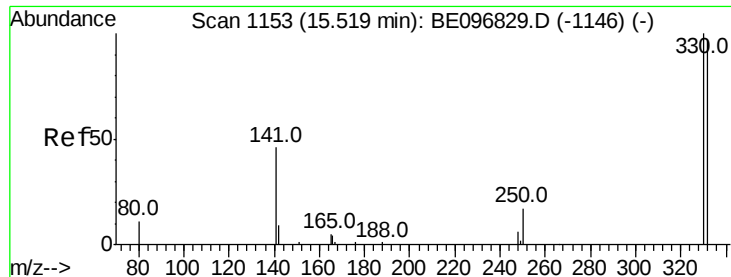
Tot Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 85.0 70.4 105.6
115 46.3 31.7 47.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE096912.D
Acq: 13 Jul 2018 18:28

Tgt Ion:164 Resp: 6155
Ion Ratio Lower Upper
164 100
162 100.6 83.1 124.7
160 49.1 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.596 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

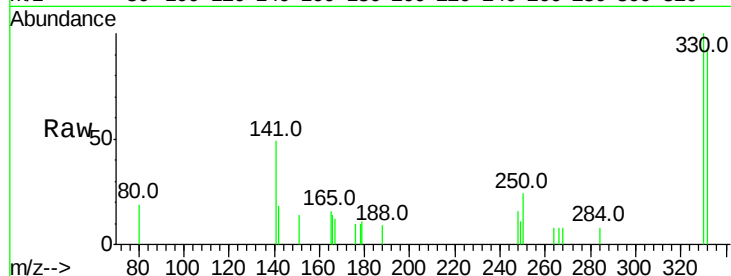
Tot Ion:330 Resp: 932

Ion Ratio Lower Upper

330 100

332 96.1 152.7 229.1#

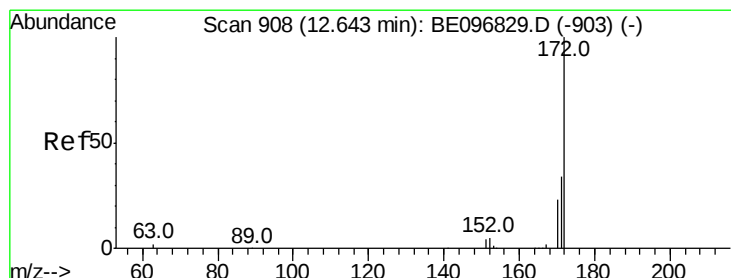
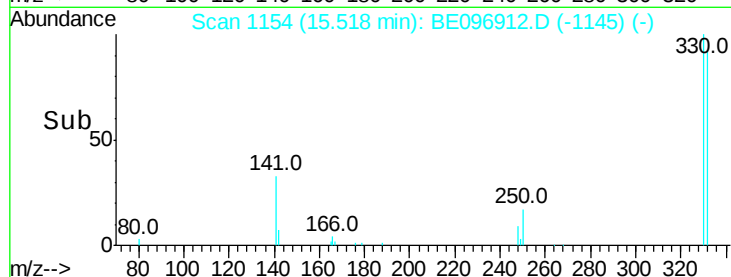
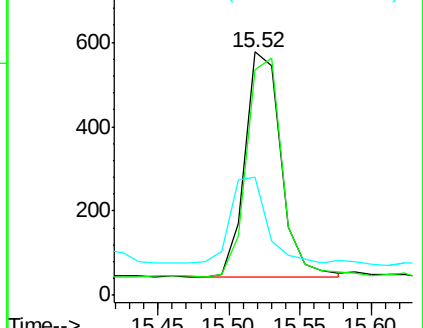
141 38.5 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.618 ng

RT: 12.64 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

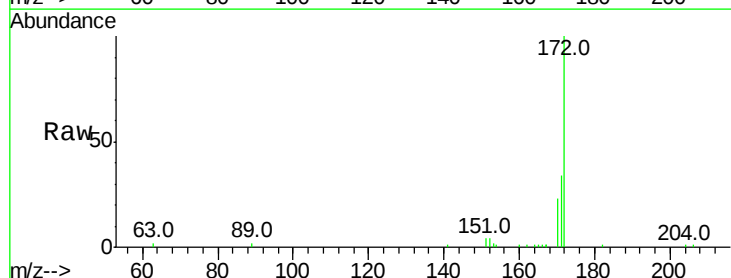
Tgt Ion:172 Resp: 13911

Ion Ratio Lower Upper

172 100

171 33.7 29.9 44.9

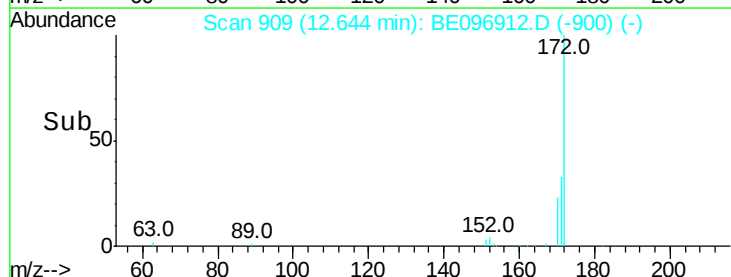
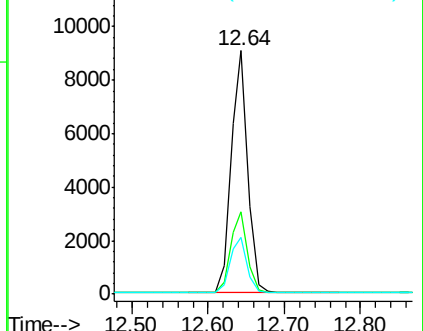
170 23.2 21.8 32.8

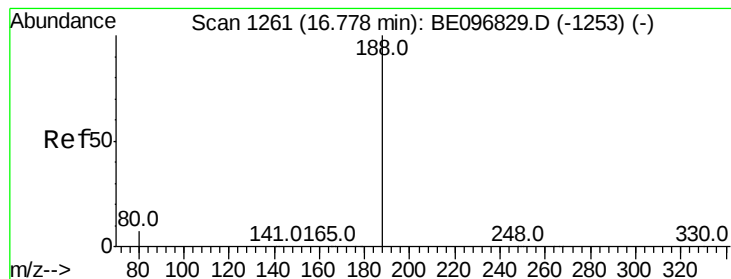


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BE096912.D

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GW01-071118

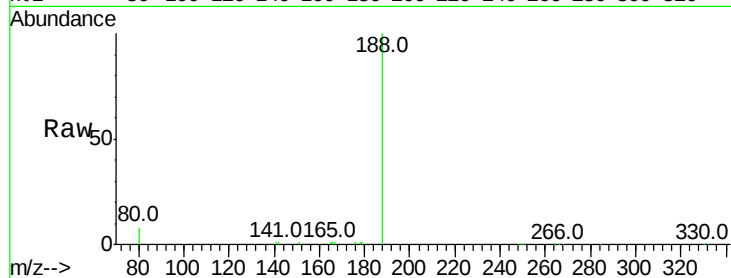
Tot Ion:188 Resp: 16860

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

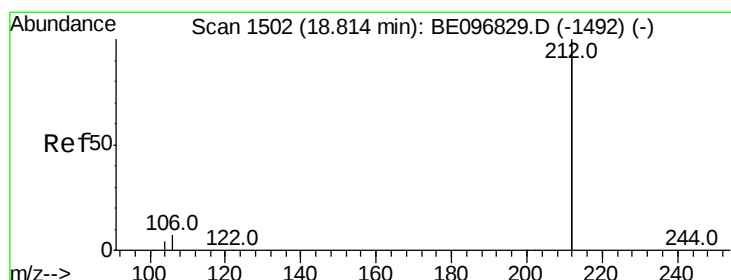
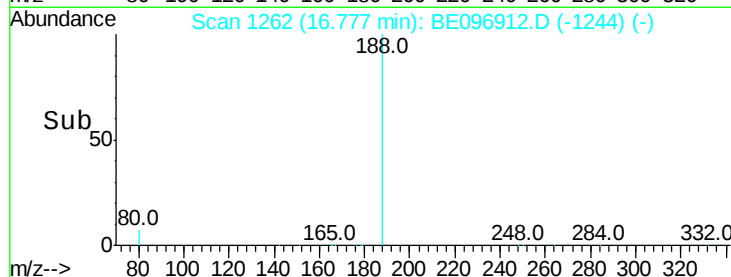
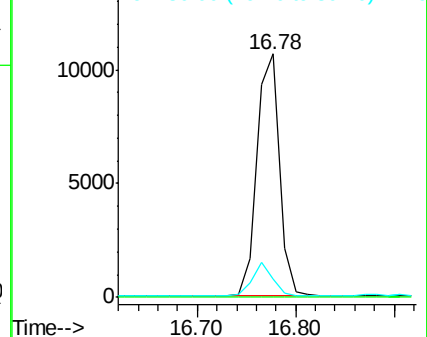
80 7.7 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.555 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

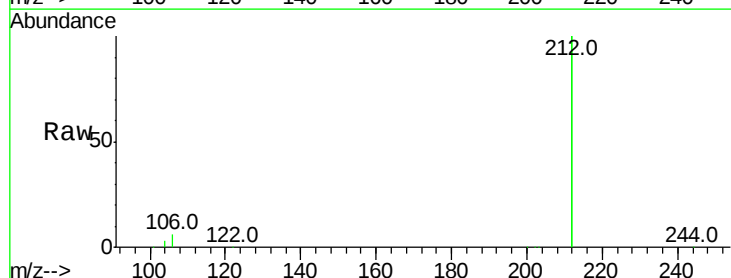
Tgt Ion:212 Resp: 82399

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

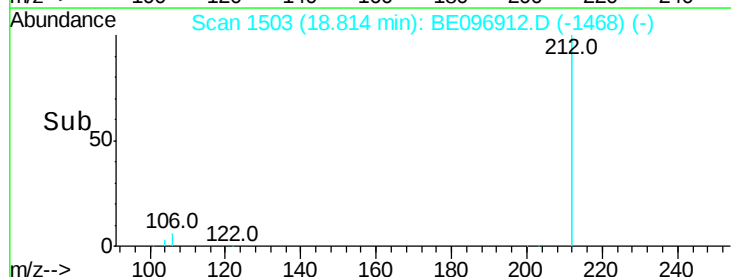
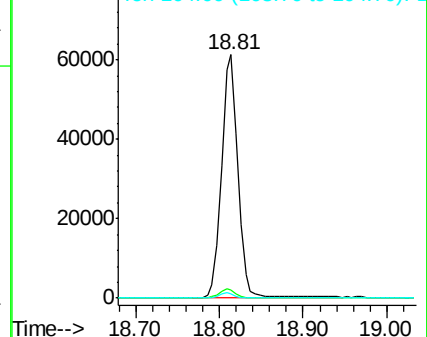
104 1.9 1.6 2.4

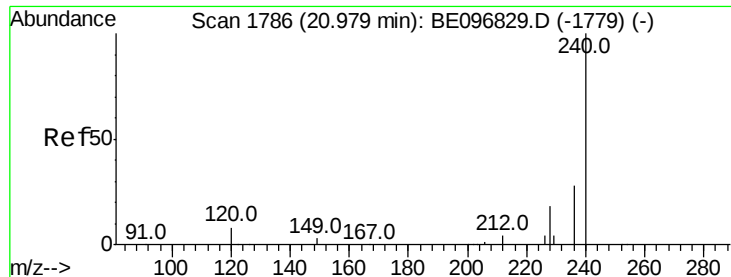


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

Instrument :

BNA_E

ClientSampleId :

GW01-071118

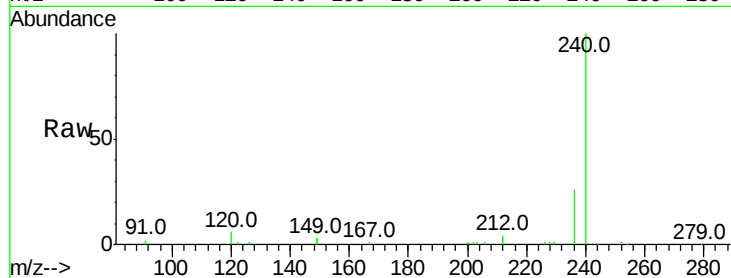
Tot Ion:240 Resp: 15119

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

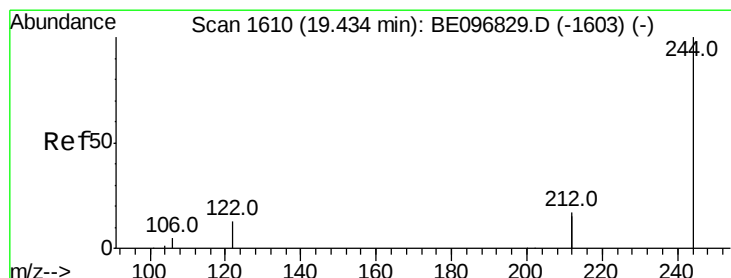
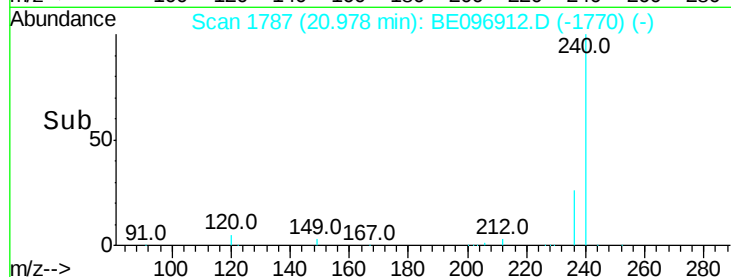
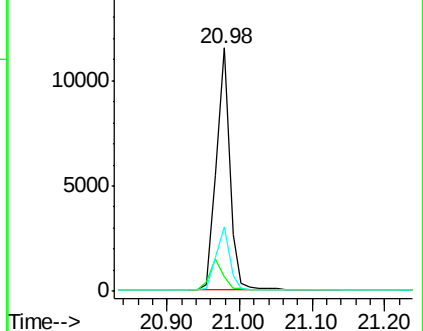
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.727 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096912.D

Acq: 13 Jul 2018 18:28

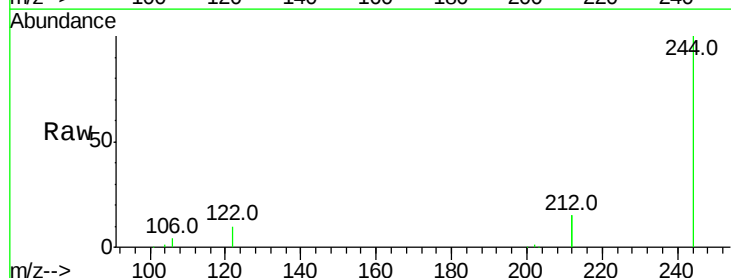
Tgt Ion:244 Resp: 21206

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

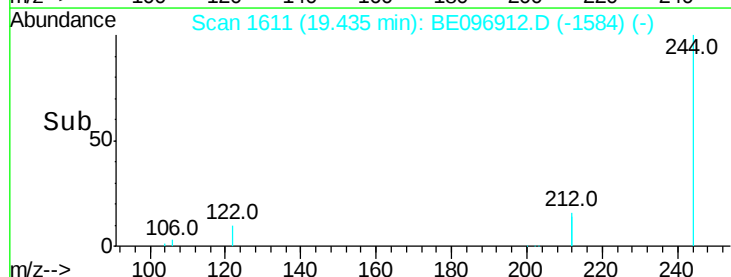
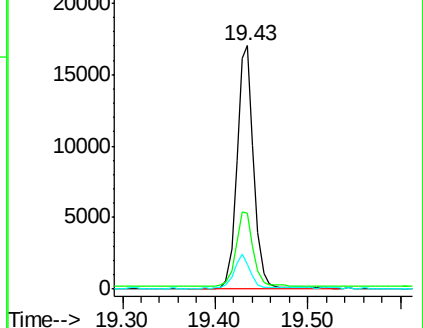
122 10.3 8.1 12.1

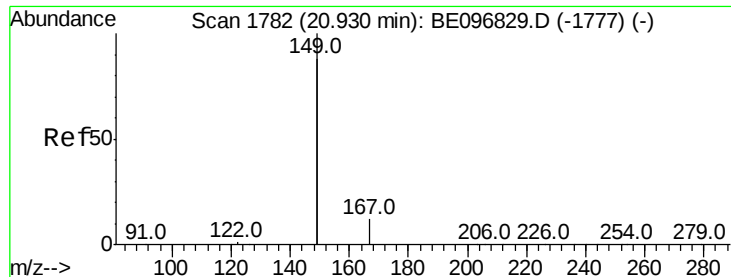


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

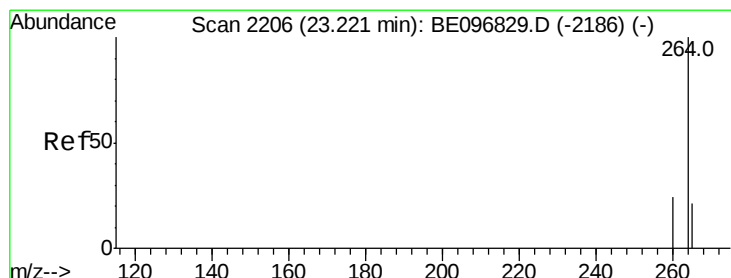
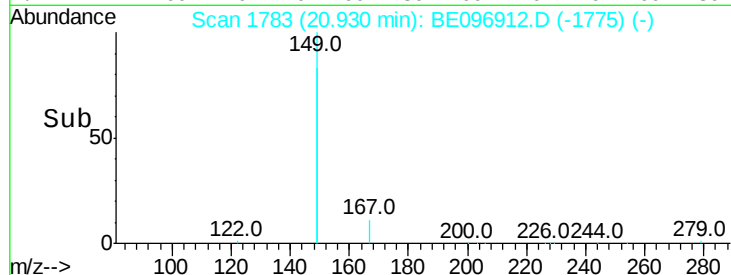
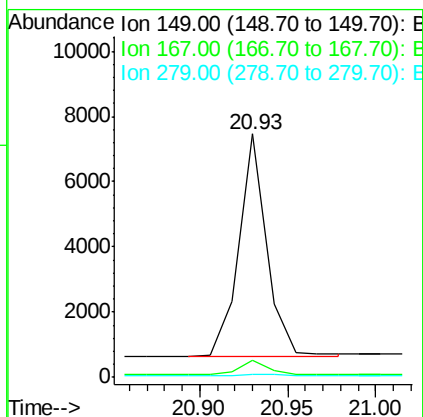
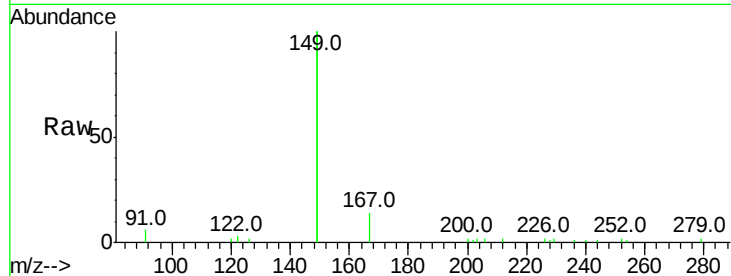




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.253 ng
 RT: 20.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE096912.D
 Acq: 13 Jul 2018 18:28

Instrument :
 BNA_E
 ClientSampleId :
 GW01-071118

Tot Ion:149 Resp: 7601
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.1 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE096912.D
 Acq: 13 Jul 2018 18:28

Tgt Ion:264 Resp: 15549
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.5 30.7
 265 24.7 22.8 34.2

